

Claim Listing and Amendments

## Claims 1-81. (Canceled)

82. (New) A gas humidification apparatus comprising:  
an inlet;  
a humidification device in fluid communication with said inlet, said humidification device comprising:  
a heater housing comprising a heater and a plurality of openings;  
a first humidification material that surrounds said heater, readily absorbs moisture and readily releases moisture when exposed to a dry environment, wherein said humidification device further comprises a second humidification material that is spaced from said first humidification material and readily absorbs moisture and readily releases moisture when exposed to a dry environment; and  
an outlet in fluid communication with said humidification device.
83. (New) A gas apparatus comprising:  
an inlet;  
a heater in fluid communication with said inlet,  
a temperature sensor for measuring a temperature of a gas that flows within said gas apparatus in an indirect manner; and  
a humidification material that readily absorbs moisture and readily releases moisture when exposed to a dry environment, wherein said humidification material has a configuration that generates turbulence in said gas as it passes over a surface of said humidification material.
84. (New) The gas humidification device of Claim 83:  
wherein the gas humidification device receives gas from a laparoscopic insufflator.
85. (New) A gas humidification apparatus comprising:  
inlet means for supplying a gas;

a temperature sensor for measuring a temperature of said gas in an indirect manner;  
turbulence means for generating turbulence in said gas;  
outlet means for expelling said turbulent gas from said humidification apparatus; and  
a humidification material that is a unitary structure and is the sole humidification material of said gas humidification apparatus.

86. (New) A gas apparatus comprising:

an inlet;  
a heater in fluid communication with said inlet;  
a temperature sensor for measuring a temperature of a non-ambient gas that flows within said gas apparatus in an indirect manner;  
a humidification material that readily absorbs moisture and readily releases moisture when exposed to a dry environment, wherein said humidification material is a unitary structure and is the sole humidification material of said gas apparatus;  
a second inlet that transfers a fluid to said humidification material; and  
wherein said inlet transfers said gas to said humidification material.